

WARM-UP

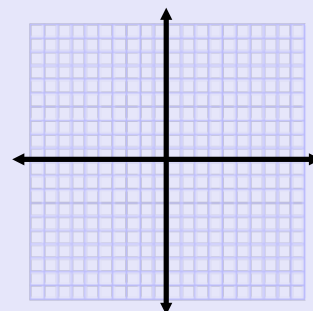
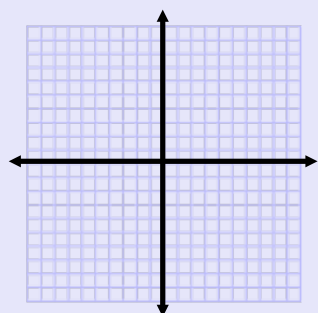
1. $6 + \sqrt{3 \cdot 4 + 4}$

2. $5 + 7\sqrt{25 + 11}$

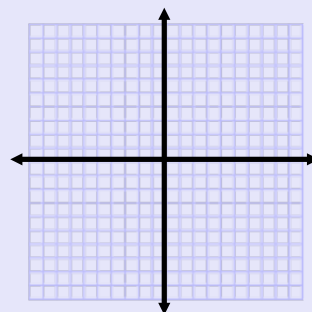
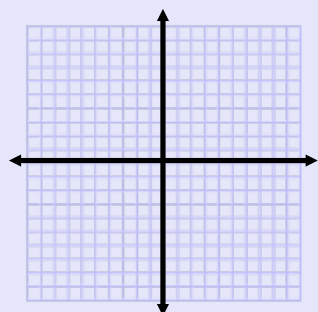
3. $\frac{2^2 + 1}{100 \div 10}$

Handwritten work for problem 1:

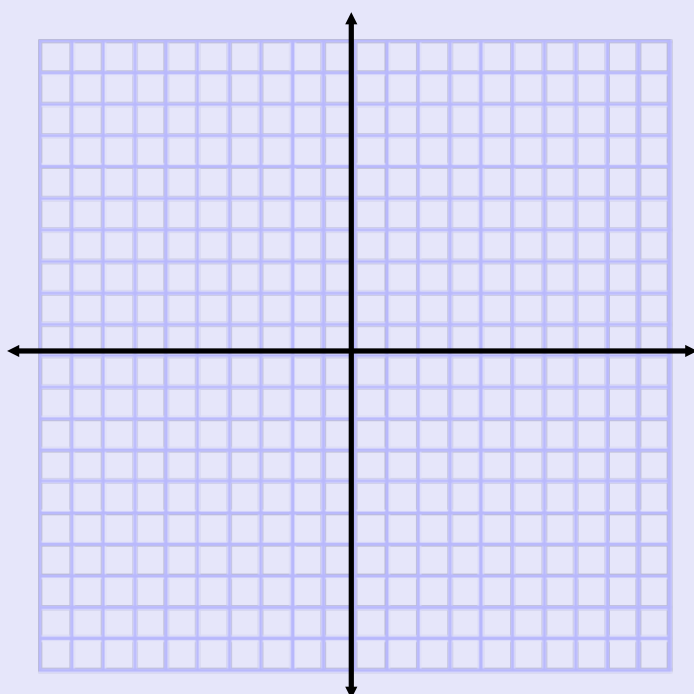
A box contains the number 47. An arrow points from the box to the expression $5 + 42$. Above $5 + 42$ is the expression $25 + 11$ with a checkmark below it. Below $5 + 42$ is the expression $5 + 7 \cdot 6$ with a checkmark below it, and the number 42 below that.



Graphing with X-Y Tables



First, let's review graphing.



Which axis is the x-axis?

Which axis is the y-axis?

Use the matching marker color to plot these points:

(4, -3)

(7, 0)

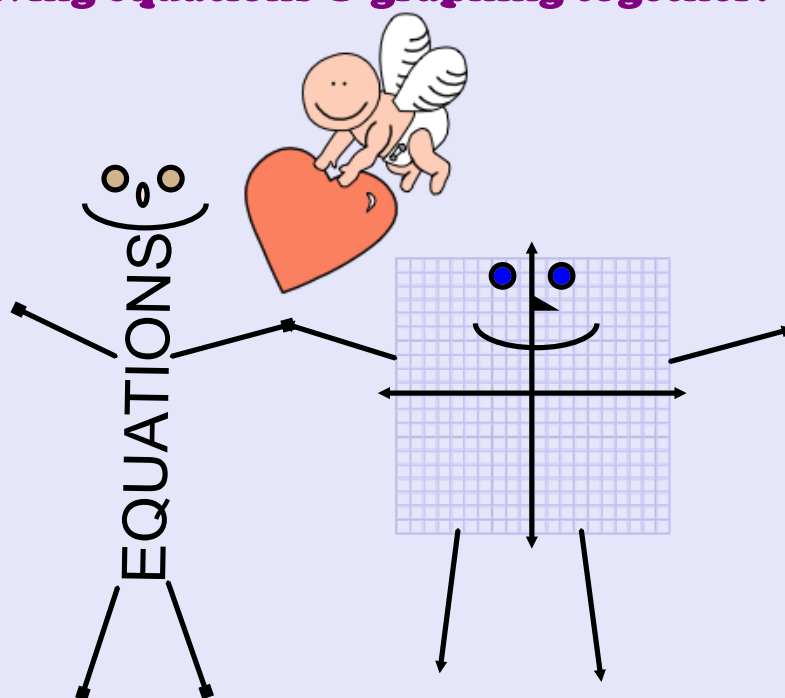
(-6, 2)

(0, -9)

Now, let's review solving equations.

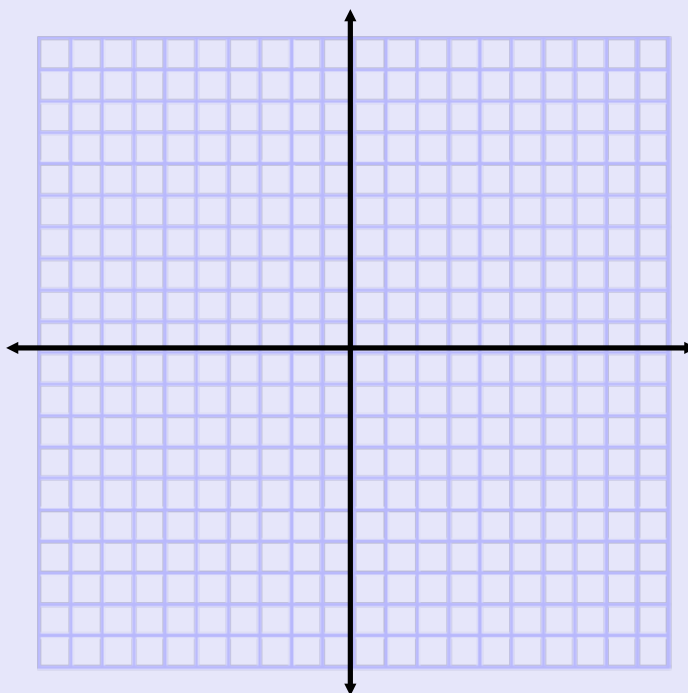
$$\mathbf{-2x - 19 = 43}$$

**Now, let's bring the worlds of
solving equations & graphing together!**



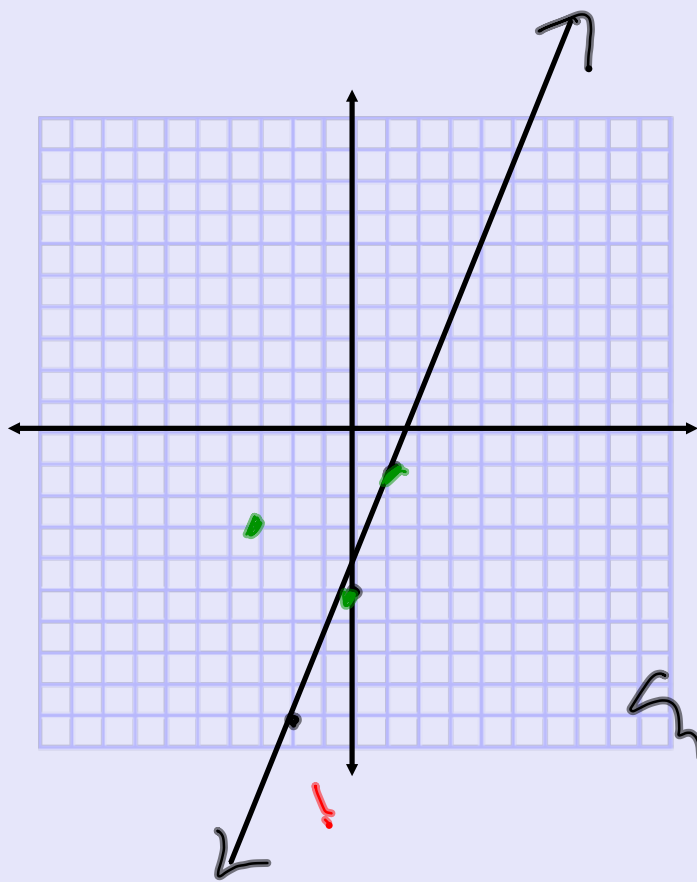
Graphing with X-Y Tables

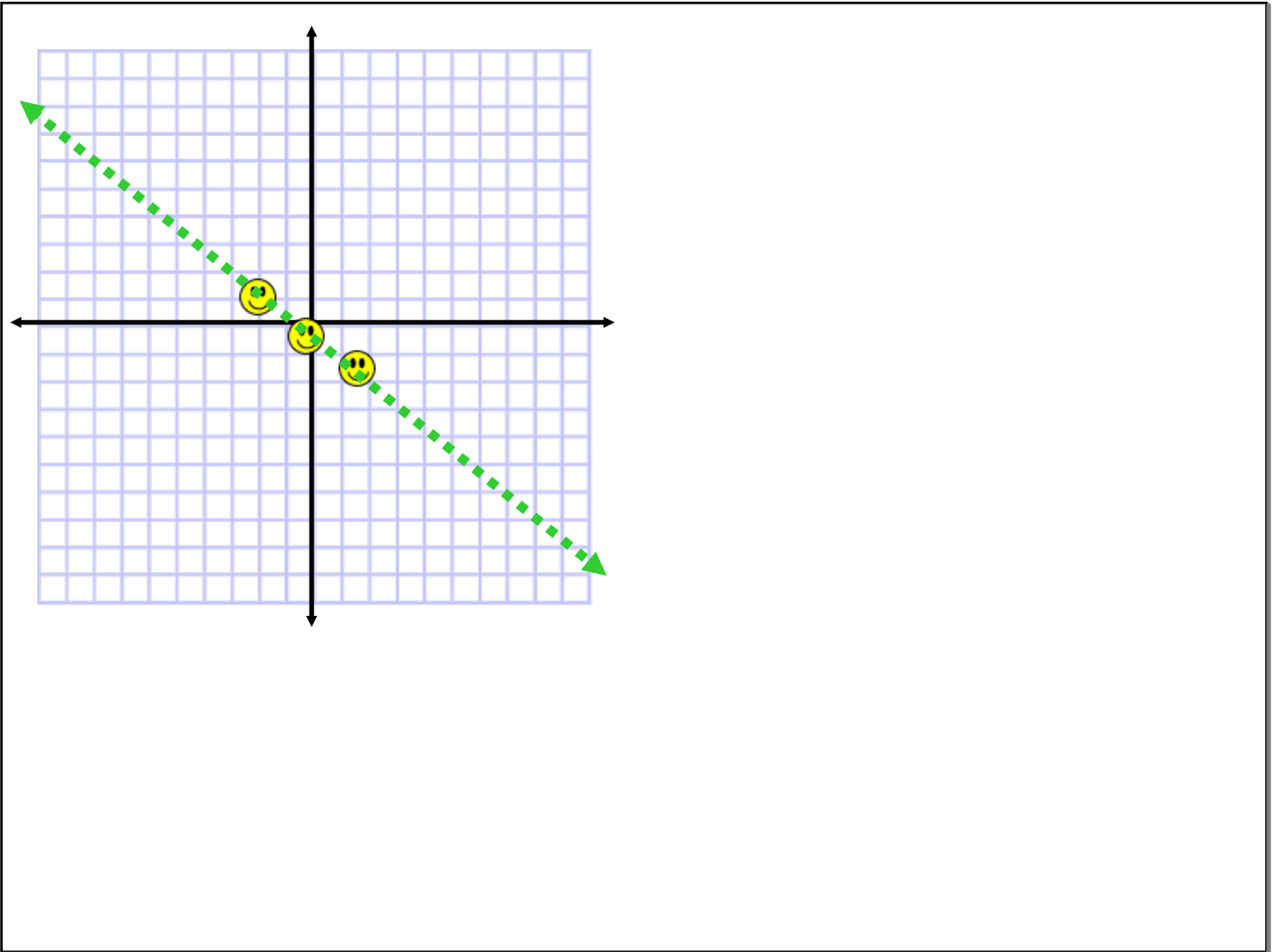
1) $y = -3x + 4$



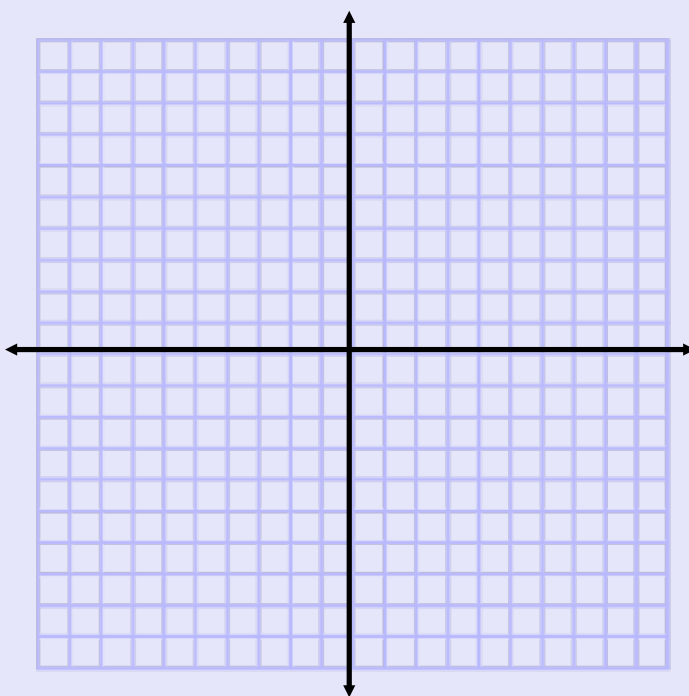
2) $y = 2x - 5$

x	y
-2	-9
0	-5
2	-1

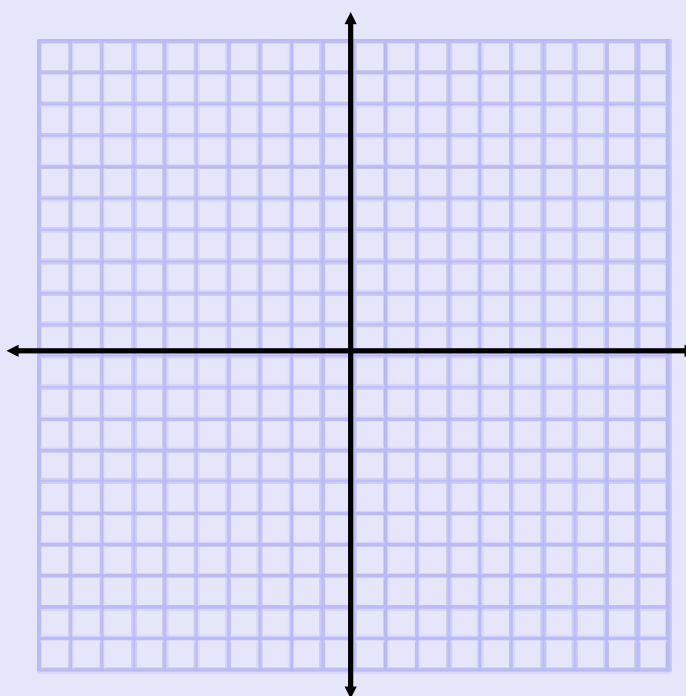




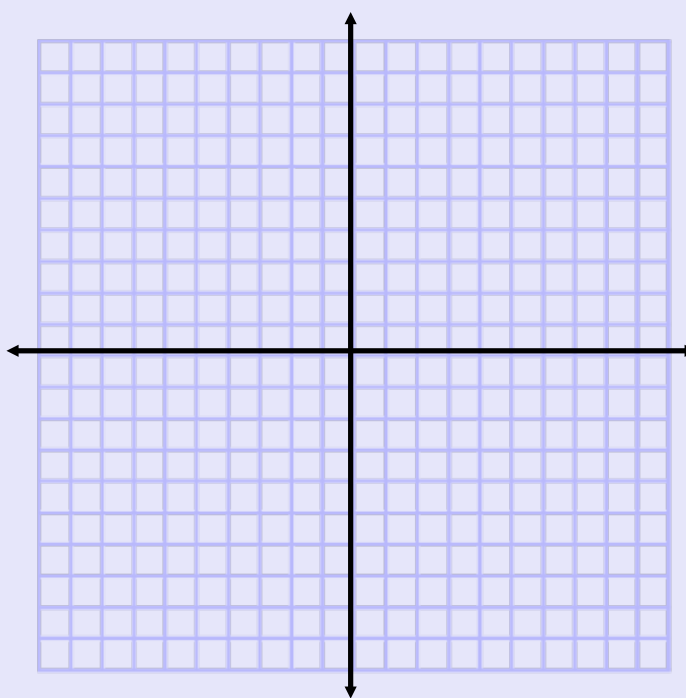
3) $y = -x + 6$



4) $y = -\frac{1}{4}x - 6$



5) $y = \frac{3}{4}x - 4$





Planner Time

